

DTE Energy



10 CFR 50.71(e)
10 CFR 52.3

October 31, 2014
NRC3-14-0015

U. S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, DC 20555-0001

- References: 1) Fermi 3
Docket No. 52-033
- 2) Letter from Jack M. Davis (Detroit Edison) to USNRC, "Detroit Edison Company Submittal of Application for a Combined License for Fermi 3 (NRC Project No. 757)," NRC3-08-0003, dated September 18, 2008
 - 3) Letter from Peter W. Smith (DTE Electric) to USNRC, "DTE Electric Company Application for a Combined License for Fermi 3 Update," NRC3-14-0014, dated October 15, 2014
 - 4) Letter from Adrian Muniz (USNRC) to Peter W. Smith (DTE Electric), "Fermi Unit 3 Combined License Application – Advanced Final Safety Evaluation for Section 1, Introduction and Interfaces," dated June 2, 2014

Subject: DTE Electric Company Application for a Combined License for Fermi 3 Update

In Reference 2, DTE Electric Company submitted a Combined License Application (COLA) for Fermi 3 that incorporated the General Electric-Hitachi (GEH) design certification application for the Economic Simplified Boiling Water Reactor (ESBWR) and the associated Design Control Document (DCD). The Fermi 3 COLA was most recently updated in Reference 3. This submittal updates Part 2, "Final Safety Analysis Report" of the Fermi 3 COLA, as identified below.

The change to the Fermi 3 COLA incorporates, by reference, the codified version of the ESBWR Design Certification Rule (DCR). The incorporation of the ESBWR DCR into the Fermi 3 COLA supports the closure of NRC Confirmatory Item 01-1 contained within the Chapter 1 Advanced Safety Evaluation Report (Reference 4). Enclosure 2 provides a summary of the Fermi 3 COLA changes and includes the location of the changes. For these changes, COLA markups were not previously provided to the NRC.

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This update of the Fermi 3 COLA is comprised of the following parts:

- Part 1: General and Administrative Information – Revision 2
- Part 2: Final Safety Analysis Report (FSAR) – Revision 8
- Part 3: Environmental Report (ER) – Revision 2
- Part 4: Technical Specifications (TS) – Revision 5
- Part 5: Emergency Plan (E-Plan) – Revision 6
- Part 6: Not Used (reserved for Limited Work Authorization / Site Redress Information)
- Part 7: Departures Report – Revision 4
- Part 8: Security Plan – Revision 3
- Part 9: Proprietary and Sensitive Unclassified Non-Safeguards Information – Revision 2
- Part 10: Inspections, Tests, Analyses, and Acceptance Criteria (ITAAC) – Revision 6

Part 1, "General and Administrative Information," has not been updated in this submittal. The entire document is denoted as Revision 2, and is included in this update as a reference document collection.

Part 2, "Final Safety Analysis Report," was revised to incorporate the codified version of the ESBWR Design Certification Rule (DCR) into the Fermi 3 COLA. The entire document (Part 2) is denoted as Revision 8, with the changes between Revision 7 and Revision 8 identified by revision bars in the margins. A revision summary of the changes to Part 2 is contained in Enclosure 2.

Part 3, "Environmental Report," has not been updated in this submittal. The entire document is denoted as Revision 2, and is included in this update as a reference document collection.

Part 4, "Technical Specifications," has not been updated in this submittal. The entire document is denoted as Revision 5, and is included in this update as a reference document collection.

Part 5, "Emergency Plan," has not been updated in this submittal. The entire document is denoted as Revision 6, and is included in this update as a reference document collection.

Part 7, "Departures Report," has not been updated in this submittal. The entire document is denoted as Revision 4, and is included in this update as a reference document collection.

Part 8, "Security Plan," has not been updated in this submittal. The entire document is denoted as Revision 3, and is included in this update as a reference document collection.

Part 9, "Proprietary and Sensitive Unclassified Non-Safeguards Information," has not been updated in this submittal. The entire document is denoted as Revision 2, and is included in this update as a reference document collection.

Part 10, "Inspections, Tests, Analyses, and Acceptance Criteria," has not been updated in this submittal. The entire document is denoted as Revision 6, and is included in this update as a reference document collection.


The revised set of application documents is provided in electronic file format on the enclosed disc. Fermi 3 COLA Part 8, "Security Plan," and Part 9, "Proprietary and Sensitive Unclassified Non-Safeguards Information," have not been revised in this submittal and are included as reference document collections only; therefore, the enclosed disc contains no proprietary,

SUNSI, or safeguards information. Included with the disc is a "packing slip" describing its contents, pursuant to NRC instructions for electronic filing. Appropriate pre-submission checks have been successfully performed on the files of the disc to ensure conformance with "Guidance for Electronic Submissions to the NRC." The disc has been found acceptable for electronic submittal.

If you have any questions, or need additional information, please contact me at (313) 235-3341.

I state under penalty of perjury that the foregoing is true and correct. Executed on the 31st day of October 2014.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. W. Smith', with a long horizontal flourish extending to the right.

Peter W. Smith,
Nuclear Development - Licensing and Engineering
DTE Energy

Enclosures: 1) Fermi 3 Combined License Application, October 2014 Update, Submittal 14
2) Fermi 3 COLA October 2014 Update, Submittal 14, Revision Summary

cc: Adrian Muniz, NRC Fermi 3 Project Manager (w/ Enclosures (7 Copies of Enclosure1))
Tekia Govan, NRC Fermi 3 Project Manager (w/ Enclosures)
David Misenhimer, NRC Fermi 3 Project Manager (w/ Enclosures)
Lynnea Wilkins, NRC Fermi 3 Project Manager (w/ Enclosures)
Jessica Umana, NRC Fermi 3 Project Manager (w/ Enclosures)
Jennifer Dixon-Herrity, Chief, Environmental Projects Branch (w/o Enclosures)
Mallecia Sutton, NRC Fermi 3 Environmental Project Manager (w/o Enclosures)
Fermi 2 Resident Inspector (w/o Enclosures)
NRC Region III Regional Administrator (w/o Enclosures)
NRC Region II Regional Administrator (w/o Enclosures)
Supervisor, Electric Operators, Michigan Public Service Commission (w/o Enclosures)
Michigan Department of Natural Resources and Environment
Radiological Protection Section (w/o Enclosures)
Regina Borsh, Dominion Energy, Inc.
Barry C. Bryant, Dominion Energy, Inc.
Patricia L. Campbell, General Electric

**ENCLOSURE 1 TO
NRC3-14-0015**

FERMI 3 COLA DVD, OCTOBER 2014 UPDATE, SUBMITTAL 14

One DVD labeled "Fermi 3 Combined License Application, October 2014 Update, Submittal 14"
containing the following:

Fermi 3 Combined License Application Update, October 2014, Submittal 14

DVD Packing Slip as Required by NRC for Electronic Submittals

**ENCLOSURE 2 TO
NRC3-14-0015**

**FERMI 3 COLA OCTOBER 2014 UPDATE, SUBMITTAL 14, REVISION SUMMARY
(2 pages)**

A Revision summary follows for the part identified below:

Part 2: Final Safety Analysis Report (FSAR) - Rev 7 to Rev 8

Fermi 3 COLA, Part 2, FSAR Revision Summary (Rev 7 to Rev 8)

Location	Revision Summary
Section 1.1.1.1	10 CFR 52 and Regulatory Guide 1.206 section changes resulting from the incorporation of the codified version of the ESBWR Design Certification Rule (DCR) into the Fermi 3 COLA. COLA mark-ups not previously provided.
Section 1.1.1.7	Incorporation by Reference section changes resulting from the incorporation of the codified version of the ESBWR Design Certification Rule (DCR) into the Fermi 3 COLA. COLA mark-ups not previously provided.
Section 1.1.2.2	Type of License Request section changes resulting from the incorporation of the codified version of the ESBWR Design Certification Rule (DCR) into the Fermi 3 COLA. COLA mark-ups not previously provided.